Existing Structure: The existing structures were constructed in 1969 as FA 196, Section IHB. In 2001, miscellaneous structural repairs were performed and a microsilica wearing surface was added. The structure is a four span continuous bridge with a reinforced concrete deck supported on five PPC I-beams with pile bent abutments and multicolumn piers. The existing structure is skewed 22°45' left forward. The structure measures 249'-0" back to back of abutments and 30'-0" out to out of bridge deck.

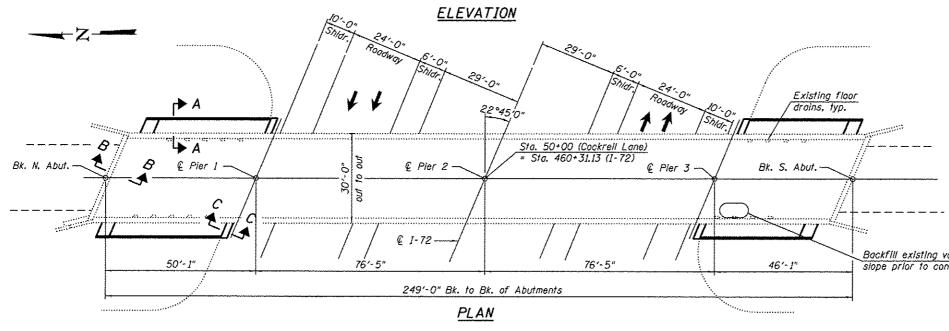
> The existing slopewalls shall be removed and replaced. This work shall be sequenced to occur simultaneously with adjacent lane closures used for the I-72 resurfacing.

— € I-72 (W.B.) € I-72 (E.B.) ---Remove and replace existing slopewalls. 7.4.W Typical each end of bridge.

* Adjust in field to match existing conditions.

GENERAL NOTES

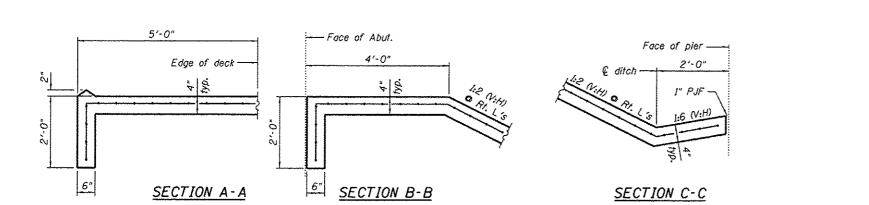
- 1. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- 2. Slopewalls shall be reinforced with welded wire fabric, 6" x 6" W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.
- 3. Backfilling and dressing of the existing earth bedding is required where erosion or voids exist and to bring the existing bedding to the correct grade for the 4" proposed slopewall. Backfilling and dressing shall conform to the requirements of Article 205 of the Standard Specifications and be to the satisfaction of the Engineer. Backfilling and dressing of the existing earth bedding will not be measured for payment but shall be included in the cost of Slope Wall, of the thickness specified.
- 4. The slopewall shall be constructed so that there are no construction joints within 5 feet of the existing floor drains.



TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Slope Wall Removal	Sq. Yd.	380
Slope Wall, 4 Inch	Sq. Yd.	447

STRUCTURAL CHILL Backfill existing voids to bring embankment to the correct slope prior to constructing proposed slopewall. HC 081-52



LOCATION SKETCH

GENERAL PLAN AND ELEVATION COCKRELL LANE OVER 1-72 F.A.I. 72 SEC. (84-9-2&3)RS-2MISC STRUC REP SANGAMON COUNTY STATION 460+31.13 STRUCTURE NO. 084-0126

esign firm	
o. 184001036	whks
	engineers + planners + land surveyors

USER NAME .	DESIGNED - CEH	REVISED
FILE NAME .	CHECKED - CWC	REVISED
PLOT SCALE *	DRAWN - DLH	REVISED
PLOT DATE .	CHECKED - CEH/CWC	REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** **GENERAL PLAN AND ELEVATION STRUCTURE NO. 084-0126** SHEET NO. 1 OF 2 SHEETS

SECTION COUNTY 72 SANGAMON 163 130 CONTRACT NO. 72854 | ILLINOIS FED. AID PROJECT = (84-9-2&3)RS-2&MISC STRUC REP

Expires: 11/30/2014